GOVIND SHARAN GUPTA

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. KNS0002-US

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

PREDICTION OF CAVITY SIZE IN THE PACKED BED SYSTEMS USING NEW CORRELATIONS AND MATHEMATICAL MODEL

and invented by:

Whi	ch is	a:									
	Con	tinu	ation		Divisional		Continuatio	n-in-part (CIP)	of prior application No.:		
Which is a:											
	Con	tinu	ation		Divisional		Continuatio	n-in-part (CIP)	of prior application No.:		
Enclosed are:											
Application Elements											
1	l. 🗵	F	ling fee	as c	calculated and	l trar	nsmitted as de	scribed below			
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•	. <u>(</u>	3	pecifica	ecification having pages and including the following:							
	а	. 🗵	Des	cripti	ive Title of the	: Inve	ention				
	b	. \sqsubset	l Cro	Cross References to Related Applications (if applicable)							
	С	. \sqsubset	Stat	Statement Regarding Federally-sponsored Research/Development (if applicable							
	d	. \sqsubset	Ref	Reference to Sequence Listing, a Table, or a Computer Program Listing Appendi							
	е	. 🗵	Bac	Background of the Invention							
	f	. 🗵	l Brie	Brief Summary of the Invention							
	g	. 🗵	Brie	Brief Description of the Drawings (if filed)							
	h	. 🗵	☑ Detailed Description								
	i	. 🗵	l Clai	m(s)	as Classified	Belo	ow				

Abstract of the Disclosure

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

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		Application Elements (Continued)								
3.	\boxtimes	Drawing(s) (when necessary as prescribed by 35 USC 113)								
	a.	Significant Number of Sheets 14 (FOURTEEN)								
	b.	Informal Number of Sheets								
4.	X	Dath or Declaration								
	a.	☐ Newly executed (original or copy)								
	b.	Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)								
	C.	☐ With Power of Attorney ☐ Without Power of Attorney								
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).								
5.		ncorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.								
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)								
7.		Application Data Sheet (See 37 CFR 1.76)								
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)								
	a.	☐ Computer Readable Form (CRF)								
	b.	☐ Specification Sequence Listing on:								
		i. CD-ROM or CD-R (2 copies); or								
		ii. 🔲 Paper								
	C.	Statement(s) Verifying Identical Paper and Computer Readable Copy								
Accompanying Application Parts										
9.		Assignment Papers (cover sheet & document(s))								
10.		37 CFR 3.73(B) Statement (when there is an assignee)								
11.		English Translation Document (if applicable)								
12.		nformation Disclosure Statement/PTO-1449								
13.		Preliminary Amendment								

14. ☑ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

☐ First Class ☐ Express Mail (Specify Label No.):

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	Accompanying Application Parts (Continued)
17.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.
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Fee Calculation and Transmittal

For	#Filed	#Allowed	#Extra		Rate	Fee
T tal Claims	7	- 20 =	0	x	\$18.00	\$0.00
Indep. Claims	1	- 3 =	0	×	\$84.00	\$0.00
Multiple Dependent Cl	aims (check i	f applicable)				\$0.00
					BASIC FEE	\$750.00
OTHER FEE (specify	purpose)					\$0.00
					TOTAL FILING FEE	\$750.00
☒ A check in the amore☒ The Commissioner	is hereby auth			eposit A		

CC:

Dated: JULY 29, 2003

28970
PATENT TRADEMARK OFFICE

SHAW PITTMAN LLP 1650 TYSONS BOULEVARD

MCLEAN, VA 22102